

Brunswick Schools Facilities Master Plan Study
Elementary Grade Configuration Options

	Stowe	Coffin	Jordan Acres	Hawthorne	Remarks
Current Configuration	Grades: 2-5 Year Opened: 2011 Additions: None Existing Area: 94,836 sf Portable Area: None Total Area: 94,836 sf Population: 660 students Classrooms per Grade: 3-7, 2,4,5-8 Total Classrooms: 31 Average Class Size: 21.5 Area per Student: 144 sf Design Capacity: 668 Site Size: 12.85± acres Recommended Minimum Site Size: 12 acres (Based on design capacity.)	Grades: K-1 Year Opened: 1955 Additions: 1990 (Nutrition Storage) Existing Area: 57,440 sf Portable Area: 5,660 sf Total Area: 63,100 sf Population: 373 students Classrooms per Grade: K-9, 1-10 Total Classrooms: 19 Average Class Size: K-20.4, 1-17.4 Area per Student: 154 sf Design Capacity: 405 Site Size: 8± acres (part of 29.3± acre site shared w/BJHS & Bus Garage) Recommended Minimum Site Size: 9 acres (Based on design capacity.)	Grades: Currently Closed Year Opened: 1972 Additions: None Existing Area: 39,960 sf Portable Area: None Total Area: 39,960 sf Population: 0 students Classrooms per Grade: 3 classes per pod (5 pods total) + 2 K classes Total Classrooms: 17 Average Class Size: Area per Student: 0 sf Design Capacity: 281 Site Size: 10.4± acres Recommended Minimum Site Size: 8 acres (Based on design capacity.)	Grades: None. Currently used as Central Offices for School Department Year Opened: 1893/1915 Additions: None Existing Area: 22,230 sf Portable Area: None Total Area: 22,230 sf Population: 0 students	<ul style="list-style-type: none">Two Elementary Schools.Current K-5 population: 1,033 studentsStowe School was designed as a Grade 3-5 school for 600 students.Coffin and Jordan Acres Schools were each K-5 schools prior to opening of the Stowe School.Jordan Acres School was closed during summer of 2011 due to budget reductions. As a result of JA closing:<ul style="list-style-type: none">Coffin School was converted to Grades K- 1.Grade 2 was moved to Stowe School.Coffin has 8 programs in 6 portables.Jordan Acres had an 8 classroom portable that is to be removed.Total Classrooms: 50Average Class Size: 21
Option 1	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 540 to 600 Classrooms per Grade: 8 to 10 Total Classrooms: 24 to 30 Area per Student: 176 to 158 sf	Grades: K-2 Existing Area: 57,440 sf New Area: 13,600 sf Total Area: 71,040 sf Population: 360 to 400 Classrooms per Grade: 6 Total Classrooms: 18 Area per Student: 197 to 178 sf	Grades: K-2 Existing Area: 39,960 sf New Area: 10,900 sf Total Area: 50,860 sf Population: 180 to 200 Classrooms per Grade: 4 Total Classrooms: 12 Area per Student: 283 to 254 sf	Grades: None - remains closed as a school	<ul style="list-style-type: none">Three Elementary SchoolsTotal K-5 population: 1,080 to 1,200 studentsRelocates Grade 2 from Stowe School to Coffin and JA Schools.Stowe School becomes Grade 3-5 as originally designed.Creates two K-2 schools (1/3 – 2/3)Reopens Jordan Acres School as a K-2 school. (1/3 of students)Converts Coffin School to Grades K-2. (2/3 of students)Jordan Acres is minimally renovated and remains as an “Open” concept school.Hawthorne remains as Central offices or is moved to another location and Hawthorne is closed permanentlyTotal Classrooms: 54 to 60
Option 1A	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 540 to 600 Classrooms per Grade: 8 to 10 Total Classrooms: 24 to 30 Area per Student: 176 to 158 sf	Grades: K-2 Existing Area: 57,440 sf New Area: 13,600 sf Total Area: 71,040 sf Population: 360 to 400 Classrooms per Grade: 6 Total Classrooms: 18 Area per Student: 197 to 178 sf	Grades: K-2 Existing Area: 39,960 sf New Area: 10,900 sf Total Area: 50,860 sf Population: 180 to 200 Classrooms per Grade: 4 Total Classrooms: 12 Area per Student: 283 to 254 sf	Grades: None - remains closed as a school	<ul style="list-style-type: none">Three Elementary SchoolsSame as Option 1 except:<ul style="list-style-type: none">Jordan Acres is fully renovated and expanded.Total Classrooms: 54 to 60
Option 1B	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 420 to 480 Classrooms per Grade: 8 Total Classrooms: 24 Area per Student: 226 to 198 sf	Grades: K-2 Existing Area: 57,440 sf New Area: 10,240 sf Total Area: 67,680 sf Population: 320 to 360 Classrooms per Grade: 5 Total Classrooms: 15 Area per Student: 212 to 188 sf	Grades: K-2 Existing Area: 39,960 sf New Area: 9,700 sf Total Area: 49,660 sf Population: 140 to 160 Classrooms per Grade: 3 Total Classrooms: 9 Area per Student: 355 to 310 sf	Grades: 1-5 Existing Area: 22,230 sf New Area: 0 sf Total Area: 22,230 sf Population: 200 Classrooms per Grade: 2 Total Classrooms: 10 Area per Student: 111 sf	<ul style="list-style-type: none">Four Elementary SchoolsSame as Option 1 except:<ul style="list-style-type: none">Hawthorne reopens as a “Choice” School.Central Offices moved to another location.Reduces number of students at Stowe, Coffin and JA.Total Classrooms: 58

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Option 2	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 540 to 600 Classrooms per Grade: 8 to 10 Total Classrooms: 24 to 30 Area per Student: 176 to 158 sf	Grades: 1-2 Existing Area: 57,440 sf New Area: 13,600 sf Total Area: 71,040 sf Population: 360 to 400 Classrooms per Grade: 10 Total Classrooms: 20 Area per Student: 197 to 178 sf	Grades: K Existing Area: 39,960 sf New Area: 8,200 sf Total Area: 48,160 sf Population: 180 to 200 Classrooms per Grade: 10 Total Classrooms: 10 Area per Student: 268 to 241 sf	Grades: None - remains closed as a school	<ul style="list-style-type: none">Three Elementary SchoolsTotal K-5 population: 1,080 to 1,200 studentsRelocates Grade 2 from Stowe School to Coffin School.Stowe School becomes Grade 3-5 as originally designed.Coffin School remains as a two grade school for Grades 1-2.Coffin portables are removed.Reopens Jordan Acres School as a Kindergarten school.Jordan Acres is fully renovated and expanded.Hawthorne remains as Central offices or is moved to another location and Hawthorne is closed permanentlyTotal Classrooms: 54 to 60
Option 2A	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 540 to 600 Classrooms per Grade: 8 to 10 Total Classrooms: 24 to 30 Area per Student: 176 to 158 sf	Grades: 1-2 Existing Area: 57,440 sf New Area: 13,600 sf Total Area: 71,040 sf Population: 360 to 400 Classrooms per Grade: 10 Total Classrooms: 20 Area per Student: 197 to 178 sf	Grades: K Existing Area: 39,960 sf New Area: 8,200 sf Total Area: 48,160 sf Population: 180 to 200 Classrooms per Grade: 10 Total Classrooms: 10 Area per Student: 268 to 241 sf	Grades: None - remains closed as a school	<ul style="list-style-type: none">Three Elementary SchoolsSame as Option 2 except:<ul style="list-style-type: none">Jordan Acres is minimally renovated and remains as an “Open” concept school.Total Classrooms: 54 to 60
Option 2B	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 420 to 480 Classrooms per Grade: 8 Total Classrooms: 24 Area per Student: 226 to 198 sf	Grades: 1-2 Existing Area: 57,440 sf New Area: 11,360 sf Total Area: 68,800 sf Population: 280 to 320 Classrooms per Grade: 8 Total Classrooms: 24 Area per Student: 246 to 215 sf	Grades: K Existing Area: 39,960 sf New Area: 8,200 sf Total Area: 48,160 sf Population: 180 to 200 Classrooms per Grade: 10 Total Classrooms: 10 Area per Student: 268 to 241 sf	Grades: 1-5 Existing Area: 22,230 sf New Area: 0 sf Total Area: 22,230 sf Population: 200 Classrooms per Grade: 2 Total Classrooms: 10 Area per Student: 111 sf	<ul style="list-style-type: none">Four Elementary SchoolsSame as Option 2A except:<ul style="list-style-type: none">Hawthorne reopens as a “Choice” School.Central Offices moved to another location.Reduces number of students at Stowe and Coffin.Total Classrooms: 68
Option 3	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 540 to 600 Classrooms per Grade: 8 to 10 Total Classrooms: 24 to 30 Area per Student: 176 to 158 sf	Grades: K-2 Existing Area: 57,440 sf New Area: 27,760 sf Total Area: 85,200 sf Population: 540 to 600 Classrooms per Grade: 10 Total Classrooms: 30 Area per Student: 158 to 142 sf	Grades: None - remains closed as a school	Grades: None - remains closed as a school	<ul style="list-style-type: none">Two Elementary Schools.Similar to Current Configuration except for shift of 2nd Grade.Total K-5 population: 1,080 to 1,200 studentsRelocates Grade 2 from Stowe School to Coffin School.Stowe School becomes Grade 3-5 as originally designed.Expands Coffin School to accommodate an additional grade.Coffin portables are removed.Closes Jordan Acres School permanently.Hawthorne remains as Central offices or is moved to another location and Hawthorne is closed permanentlyMost economical and efficient solution.Total Classrooms: 54 to 60
Option 3A	Grades: 3-5 Existing Area: 94,836 sf New Area: 0 sf Total Area: 94,836 sf Population: 420 to 480 Classrooms per Grade: 8 Total Classrooms: 24 Area per Student: 226 to 198 sf	Grades: K-2 Existing Area: 57,440 sf New Area: 25,520 sf Total Area: 82,960 sf Population: 460 to 520 Classrooms per Grade: 8 Total Classrooms: 24 Area per Student: 180 to 160 sf	Grades: None - remains closed as a school	Grades: 1-5 Existing Area: 22,230 sf New Area: 0 sf Total Area: 22,230 sf Population: 200 Classrooms per Grade: 2 Total Classrooms: 10 Area per Student: 111 sf	<ul style="list-style-type: none">Three Elementary SchoolsSame as Option 3 except:<ul style="list-style-type: none">Hawthorne reopens as a “Choice” School.Central Offices moved to another location.Reduces number of students at Stowe and Coffin.Total Classrooms: 58

Note: The above grade configurations do not include a Pre-K program. If a Pre-K program is initiated, it is estimated that the program would accommodate approximately 120 students with 60 students attending in the AM and 60 students attending in the PM. This would require the addition of 4 or 5 classrooms of approximately 1,000 sf net each.

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Current Configuration	Grades: 2-5 Year Opened: 2011 Additions: None Existing Area: 94,836 sf Population: 660 students	Grades: K-1 Year Opened: 1955 Additions: 1990 (Nutrition Storage) Existing Area: 57,440 sf Population: 373 students	Grades: Currently Closed Year Opened: 1972 Additions: None Existing Area: 39,960 sf Population: 0 students	Grades: Currently Closed as a school Year Opened: 1893/1915 Additions: None Existing Area: 22,230 sf Population: 0 students	
Option 1	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,970,000New Construction: \$2,611,000Total: \$5,581,000 Additional Costs: <ul style="list-style-type: none">Slight increase in operating costs	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$1,023,000New Construction: \$2,092,000Total: \$3,115,000 Additional Costs: <ul style="list-style-type: none">Start-up costs to reopen JAIncreases busing costsIncreases staff costsIncreases operating costs	Grades: Closed Construction Costs: None Additional Costs: None	<ul style="list-style-type: none">Three Elementary SchoolsTotal Estimated Construction Costs: \$8,696,000Estimated JA Reopening Costs: \$2,600,000Total Estimated Costs: \$11,296,000
Option 1A	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,970,000New Construction: \$2,611,000Total: \$5,581,000 Additional Costs: <ul style="list-style-type: none">Slight increase in operating costs	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,558,000New Construction: \$2,092,000Total: \$4,650,000 Additional Costs: <ul style="list-style-type: none">Start-up costs to reopen JAIncreases busing costsIncreases staff costsIncreases operating costs	Grades: Closed Construction Costs: None Additional Costs: None	<ul style="list-style-type: none">Three Elementary SchoolsTotal Estimated Construction Costs: \$10,231,000Estimated JA Reopening Costs: \$2,600,000Total Estimated Costs: \$12,831,000
Option 1B	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,970,000New Construction: \$1,966,000Total: \$4,936,000 Additional Costs: <ul style="list-style-type: none">Slight increase in operating costs	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$1,023,000New Construction: \$1,863,000Total: \$2,886,000 Additional Costs: <ul style="list-style-type: none">Start-up costs to reopen JAIncreases busing costsIncreases staff costsIncreases operating costs	Grades: 1-5 Construction Costs: None <ul style="list-style-type: none">Renovation: \$1,138,000New Construction: NoneTotal: \$1,138,000 Additional Costs: <ul style="list-style-type: none">Slight increase in busing costsIncreases staff costsIncreases operating costs	<ul style="list-style-type: none">Four Elementary SchoolsTotal Estimated Construction Costs: \$8,960,000Estimated JA Reopening Costs: \$2,600,000Relocate Central Offices/Bus Garage: \$2,131,200Total Estimated Costs: \$13,691,200
Option 2	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: 1-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,970,000New Construction: \$2,611,000Total: \$5,581,000 Additional Costs: <ul style="list-style-type: none">Slight increase in operating costs	Grades: K Construction Costs: <ul style="list-style-type: none">Renovation: \$2,558,000New Construction: \$1,572,000Total: \$4,130,000 Additional Costs: <ul style="list-style-type: none">Start-up costs to reopen JAIncreases busing costsIncreases staff costsIncreases operating costs	Grades: Closed Construction Costs: None Additional Costs: None	<ul style="list-style-type: none">Three Elementary SchoolsTotal Estimated Construction Costs: \$9,711,000Estimated JA Reopening Costs: \$2,600,000Total Estimated Costs: \$12,311,000

	Stowe	Coffin	Jordan Acres	Hawthorne	Remarks
Option 2A	Grades: 3-5 Construction Costs: None Additional Costs: None Grades: 3-5	Grades: 1-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,970,000New Construction: \$2,611,000Total: \$5,581,000 Additional Costs: <ul style="list-style-type: none">Slight increase in operating costs	Grades: K Construction Costs: <ul style="list-style-type: none">Renovation: \$1,023,000New Construction: \$1,572,000Total: \$2,595,000 Additional Costs: <ul style="list-style-type: none">Start-up costs to reopen JAIncreases busing costsIncreases staff costsIncreases operating costs	Grades: Closed Construction Costs: None Additional Costs: None	<ul style="list-style-type: none">Three Elementary SchoolsTotal Estimated Construction Costs: \$8,176,000Estimated JA Reopening Costs: \$2,600,000Total Estimated Costs: \$10,776,000
Option 2B	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: 1-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,970,000New Construction: \$2,181,000Total: \$5,151,000 Additional Costs: <ul style="list-style-type: none">Slight increase in operating costs	Grades: K Construction Costs: <ul style="list-style-type: none">Renovation: \$1,023,000New Construction: \$1,572,000Total: \$2,595,000 Additional Costs: <ul style="list-style-type: none">Start-up costs to reopen JAIncreases busing costsIncreases staff costsIncreases operating costs	Grades: 1-5 Construction Costs: None <ul style="list-style-type: none">Renovation: \$1,138,000New Construction: NoneTotal: \$1,138,000 Additional Costs: <ul style="list-style-type: none">Increases busing costsIncreases staff costsIncreases operating costs	<ul style="list-style-type: none">Four Elementary SchoolsTotal Estimated Construction Costs: \$8,884,000Estimated JA Reopening Costs: \$2,600,000Relocate Central Offices/Bus Garage: \$2,131,200Total Estimated Costs: \$13,615,200
Option 3	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,940,000New Construction: \$5,330,000Total: \$8,270,000 Additional Costs: <ul style="list-style-type: none">No additional busing costsMinimal increase in staff costsSlight increase in operating costs	Grades: Closed Construction Costs: None Additional Costs: None	Grades: Closed Construction Costs: None Additional Costs: None	<ul style="list-style-type: none">Two Elementary SchoolsTotal Estimated Construction Costs: \$8,270,000
Option 3A	Grades: 3-5 Construction Costs: None Additional Costs: None	Grades: K-2 Construction Costs: <ul style="list-style-type: none">Renovation: \$2,940,000New Construction: \$4,900,000Total: \$7,870,000 Additional Costs: <ul style="list-style-type: none">No additional busing costsMinimal increase in staff costsSlight increase in operating costs	Grades: Closed Construction Costs: None Additional Costs: None	Grades: 1-5 Construction Costs: None <ul style="list-style-type: none">Renovation: \$1,138,000New Construction: NoneTotal: \$1,138,000 Additional Costs: <ul style="list-style-type: none">Slight increase in busing costsIncreases staff costsIncrease operating costs	<ul style="list-style-type: none">Three Elementary SchoolsTotal Estimated Construction Costs: \$9,008,000Relocate Central Offices/Bus Garage: \$2,131,200Total Estimated Costs: \$11,139,200

Note: The above costs do not include additional space to add a Pre-K program. If a Pre-K program is initiated, it is estimated that the costs to add 4 or 5 classrooms would range from \$1,075,000 to \$1,344,000.